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**From:** Kraft, Andrew [Kraft.Andrew@epa.gov]  
**Sent:** 12/2/2013 8:52:33 PM  
**To:** Glenn, Barbara [Glenn.Barbara@epa.gov]  
**Subject:** FW: Sensory Irritation Comments on Formaldehyde document  
**Attachments:** Liu-etal-1991.csv; BMDS-Liu-etal-1991-BMR10-Restricted.xlsx; BMDS-Liu-etal-1991-BMR10-UnRestricted.xlsx; RD50GDFinaldraft.pdf; FormaldehydeTRdraft070113forREVIEW-gmw (2) JW.docx

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**From:** Whalan, John  
**Sent:** Wednesday, July 24, 2013 4:28 PM  
**To:** Glenn, Barbara; Kraft, Andrew  
**Cc:** Burgoon, Lyle; Davis, Allen; Galizia, Audrey; Hazari, Mehdi; Jarabek, Annie; McLanahan, Eva; Reinhart, Paul; Stanek, John; Wolf, Doug C.; Wood, Charles; Woodall, George  
**Subject:** Sensory Irritation Comments on Formaldehyde document

Barbara and Andrew,

George Woodall and Mehdi Hazari have reviewed the sensory irritation sections and provided comments. George has offered some comments on the Liu et al. (1991) study and attached several items related to it. Please note also George's comments below.

John Whalan

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**From:** Woodall, George  
**Sent:** Tuesday, July 23, 2013 5:12 PM  
**To:** Whalan, John; Stanek, John  
**Cc:** Burgoon, Lyle; Hazari, Mehdi  
**Subject:** Sensory Irritation Comments on Formaldehyde document

John & John,

Here are the combined comments on Sensory Irritation from Mehdi and me. I have also attached some supplementary documents (AEG/LR/IVM White Paper on use of the Alarie Test; BMC analysis of the Liu et al. study) to go with many of my comments.

**Ex. 5 Deliberative Process (DP)**

**Ex. 5 Deliberative Process (DP)**

Here are some overarching comments; many are not included in the comment balloons.

**Ex. 5 Deliberative Process (DP)**

Hope this is helpful. I will be in the next two days if there are questions.

George